

STATEMENT OF WORK
ICU Minor Wayfinding Signage
534-16-3-5022-0095

A. GENERAL INFORMATION

1. Scope of Work:

The contractor shall provide all resources necessary to accomplish the deliverables described in this statement of work (SOW), under "Specifications", and as described on floor plans and maps. The work includes providing all new signs and including installation for the ICU Minor Renovation Project located on the 2nd floor of the Medical Center. Refer to Attachments which are floor plans and maps of the VA Medical Center.

2. Period of Performance:

The installation is to start within 45 working days (6 weeks) of award/review and agreement per all parties and be completed within 3 days from onset of installation. The contractor will submit a schedule to accomplish this work to the CO for approval. The contractor's work shall not take place at the government site on Federal Holidays and weekends unless directed by the COR. Installation is required to occur during normal business hours between the hours of 7:30A -4:30P.

Type of Contract: FIRM FIXED PRICE

Delivery Location: Charleston VA Medical Center
109 Bee Street, Charleston, SC 29401

B. CONTRACT AWARD MEETING

1. The Contractor shall not commence performance on the tasks in this SOW until the VHA CO has conducted a kick off meeting, or has advised the Contractor that a kick off meeting is waived.

C. GENERAL REQUIREMENTS

1. The Contractor shall provide in writing a delivery and installation schedule.

D. SPECIFIC MANDATORY TASKS AND ASSOCIATED DELIVERABLES

1. Description of Tasks:

 Signtypes:

- a. Signtype DF; Destination Flags, Large
- b. Signtype DF INSERT; Insert for Destination Flags, Large

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- c. Signtype Ma.; Restroom Wall Flag Signs
 - d. Signtype N.f; Destination Wall Signs for Stair Towers shall replace existing
 - e. Signtype I.a.2; Room Identification signs.
 - f. Signtype I.a.2 INSERT; Insert for Existing Room Identification signs.
 - g. Signtype F.d; Fire door sign
2. a. The Contractor shall provide all equipment, hardware and any other supplies necessary to complete the project in its entirety. All areas of work shall be kept clean and free of obstruction, and all debris, cartons and waste shall be removed by the Contractor.
3. a. The Contractor shall provide the specific deliverables described below within the performance period stated in Section A.2 of this SOW. The Contractor shall install all signage per specification and assemble as much as possible before delivery. The COR, (or designated representative), is to be present onsite for guidance to installers. If there is any discrepancy during this project the VHA CO and COR must be consulted for direction prior to any advancement being taken by the Contractor. The Contractor is responsible for bringing to the installation site all tools and equipment necessary to complete the job in its entirety and to remove all debris, cardboard and trash from the site at installation completion.

E. SCHEDULE FOR DELIVERABLES

- 1. The Contractor shall complete the date in section A.2 for each deliverable specified.
- 2. If for any reason any deliverable cannot be delivered within the scheduled time frame, the Contractor is required to explain why in writing to the VHA CO, including a firm commitment of when the work shall be completed. This notice to the VHA CO shall cite the reasons for the delay.

F. SAMPLES WITH BID

The following sign types shall be submitted with bid to verify materials, color, pattern, quality and for adherence to drawings and are subject to approval by interior designer. Production shall not commence until signed approvals are received by Contractor.

Signtype DF; Destination Flags, Large
Signtype DF INSERT; Insert for Destination Flags, Large
Signtype Ma.; Restroom Wall Flag Signs
Signtype N.f; Destination Wall Signs for Stair Towers shall replace existing

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Signtype I.a.2; Room Identification signs.

Signtype I.a.2 INSERT; Insert for Existing Room Identification signs.

Signtype F.d; Fire door sign

G. QUOTE FORMAT:

The quote shall be submitted with all fees such as all signtypes, shipping, handling, delivery, and installation listed as separate line items.

H. GOVERNMENT RESPONSIBILITIES

The government will provide access to the facilities for site visits and installations. The Contractor's installer will deliver to the specific rooms via elevators and/or stairs.

I. SALIENT CHARACTERISTICS

- Signs and their installation shall comply with applicable provisions of the latest edition of the following standards and with requirements of authorities having jurisdiction:
 - ADAAG – Americans with Disabilities Act Accessibility Guidelines; US Architectural and Transportation Barriers Compliance Board.
 - International Code Council/American National Standards Institute A117.1-Standard on Accessible and Usable Buildings Facilities.
 - National Fire Protection Association 101 Life Safety Code.
- Submittals for Review:
 1. Signage schedule in manufacturer's format for verification of text/copy.
 2. Approval drawings showing materials, construction detail, lay-out, copy, size and mounting methods.
 3. Engineering drawings for each sign type.
- Engineered and Tested:
 1. The signage system shall have undergone rigorous testing to assure longevity and optimal performance. Testing shall include environmental testing to assure that materials can withstand changes in temperature and humidity without distortion as well as testing to assure resistance to chemicals and UV effects. Further, mechanical testing shall assure that the tensile and pull-out strength of mounting hardware is adequate to assure a safe installation. Test data shall be included with submittals.
- Signage Materials and Appearance:

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1. The signage shall incorporate a decorative laminate face with applied graphics including all tactile requirements in adherence to ADA specifications.
 2. All signs, including overheads and flag mounts, directionals and directories shall have a matching appearance and constructed utilizing the same manufacturing process to assure a consistent look throughout.
 3. Sign face shall be 0.035" (nominal) standard grade, high pressure surface laminate. A painted sign face shall not be acceptable.
 4. The sign shall incorporate balanced construction with the core sandwiched between laminates to prevent warping. Laminate on the sign face only shall not be acceptable.
 5. Tactile lettering shall be precision machined, raised 1/32", matte PETG and subsurface colored for scratch resistance.
 6. Specific signs shall incorporate a metal accent bar. Bars shall be anodized with a brushed satin finish. Painted bars shall not be acceptable. Refer to drawings.
- Construction:
 1. Insert components shall have a .080 thickness non-glare acrylic window and shall be inlaid flush to sign face for a smooth, seamless appearance.
 2. The laminates (front and back) shall be pressure laminated and precision machined together to a 90-degree angle. Edges shall be smooth, void of chips, burrs, sharp edges and marks.
 3. Where braille is required, the signage shall utilize an acrylic sphere for Grade II Braille inserted directly into a scratch resistant, high pressure laminate sign face. Braille dots are to be pressure fit in high tolerance drilled holes. Braille dots shall be half hemispherical domed and protruding a minimum 0.025".
 4. The signage shall utilize a pressure activated adhesive. The adhesive shall be nonhazardous and shall allow for flexing and deflection of the adhered components due to changes in temperature and moisture without bond failure.
 5. All signs shall be provided with appropriate mounting hardware. Hardware shall be finished and architectural in appearance and suitable for the mounting surface.

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- Printed Inserts:

1. The signage shall be capable of accepting paper or acetate inserts to allow changing and updating as required. Insert components shall have a 0.080" thickness non-glare acrylic window and shall be inlayed flush to sign face for a smooth, seamless appearance.
2. The signage contractor shall provide and install all signage inserts.
3. Manufacturer shall provide a template containing layout, font, color, artwork and trim lines to allow Owner to produce inserts on laser or ink jet printer. The template shall be in an Acrobat or Word format (.pdf). Online ordering access and capabilities are required as part of this package.

Colors, Patterns, and Artwork:

1. Vendor shall create and provide the graphics package for all graphic panel murals. The package shall be organized by idea or theme to facilitate the selection of images appropriate for the project. All graphics to be reviewed and approved by the interior designer.
2. All images shall have a minimum resolution of 300 dpi and 25% of the enlarged image size.

- Site Visits

Site visits – 3 site visits shall be required by the sign contractor:

1. Prior to submission of bid for site assessment and evaluation.
2. Post award for the purposes of meeting with Owners and project manager.
3. Final walk-through and punch list.

Programming – sign contractor shall perform all wayfinding & programming. Programming shall include location plan, message schedule, and/or plots, fire/evacuation maps and insert graphics. All programming materials shall be submitted for approval.

- Code Compliance

1. It shall be the responsibility of the successful bidder to meet any and all local, state, and federal code requirements in fabricating and installing signs.

- Delivery, Storage and Protection

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1. Package to prevent damage or deterioration during shipment, handling, storage and installation. Products should remain in original packaging until removal is necessary. Store products in a dry, indoor location.

- Installation

1. General: Installation locations shall be in accordance with ADA specifications. Locate signs where indicated using mounting methods in compliance with manufacturer's written instructions:
The signage contractor shall coordinate installation schedules with the Owner and/or Construction Manager.
Installation shall be performed by manufacturer's personnel trained and certified in manufacturer's methods and procedures.
The signage contractor shall submit a CAD generated location plan, base plan provided by the Government, noting the location of all signage and cross referenced to message schedule or plots for interior designer's approval.
Installer to conduct a pre-installation survey prior to manufacturing to verify copy and sign location. Each location shall be noted using a low tack vinyl reproduction of actual sign. Full scale renderings of directories and directionals shall also be provided. Any location discrepancy or message issues shall be submitted to architect for review.
Signs shall be level, plumb, and at heights indicated with sign surfaces free from defects.
Upon completion of the work, signage contractor shall remove unused or discarded materials, containers and debris from site.

N. SPECIFICATIONS:

1. Takeform or approved equal: Sign Type DF: Destination Flag Sign: Large size:
Model No.: D.F
Description: Circular Wall Flag, brushed aluminum finish, double sided, accommodates insert, mount with (2) aluminum wall brackets; size: 2-1/4"W x 4-5/8"H, supplied by vendor.
Art Image in Circular Field: Field to be direct print background; Shutterstock _#241811347.jpg, 20% opacity image.
Size: 19-3/4"W x 21-3/4"H x 5/8"TH; see drawing.
Quan: (3)
Location: One at each Nurse's Station.
2. Takeform or approved equal: Sign Type Insert for D.F:
Model No.: INSERT-D.F

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Description: high quality paper insert, landscape orientation, single sided, font to be Helvetica ADA, color: Knock-Out White, field to be specified color on way finding mapping list.

Size: 17.0"W x 7.0"H

Quan: (3)

Location: One at each Nurse's Station

3. Takeform or approved equal: Sign Type M.a: Restroom Wall Flag Sign:

Model No.: M.a

Description: Rectangular Wall Flag, double sided, font to be Helvetica ADA, color: Knock-Out White, field to be standard navy, (PMS 541C), w/brushed aluminum finish, mount with (1) aluminum wall bracket; size: 2-1/4"W x 4-5/8"H, supplied by vendor.

Size: 14-3/4"W x 6-1/2"H x 3/4"TH; see drawing.

Quan: (5)

4. Takeform or approved equal: Sign Type N.f: Stair Destination Wall Mounted Sign:

Model No.: CS14X15-T

Description: Rectangular Wall Mount, single sided, font to be Helvetica ADA, color: Knock-Out White, field to be standard navy, (PMS 541C), see sample. Sign shall be mounted To wall in stairwells.

Size: 14.0"W x 15.0"H x 1/8"TH; see drawing.

Quan: (1)

5. Takeform or approved equal: Sign Type I.a; 10" X 10" Room Identification signs.

Model No.: 1.a.2

Description: Wall mounted Sign: Wilsonart 1503-60 Putty, Font to be Helvetica ADA, color: black. Sign shall be mounted according to VA Signage Guidelines for height and positioning in relation to room door/entrance.

Size: 10"W x 10"H x 1/2"TH.

Quan: (93)

6. Takeform or approved equal: Sign Type I.a INSERT; Insert for Room Identification signs.

Model No.: 1.a.2 INSERT

Description: Acetate insert, rectangular single sided, font to be Helvetica ADA, color: black. Horizontal 1-3/4" color band included as part of artwork. Color of band shall be Dark Red, PMS 188C, inserts shall be mounted in room identification sleeves.

Size: 9.0"W x 6.0"H x 1/32"TH.

Quan: (93)

7. Takeform or approved equal: Sign Type F.d; Fire Stair Sign signs.

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Model No.: F.d

Description: Wall Mounted, font to be Helvetica ADA, color: black.

Color: Copy white; Sign: Red

Size: 12.0"W x 12.0"H x 1/2"TH.

Quan: (1)

Wayfinding signs, which include the Destination signs, shall be colored according to the location in the Medical Center. Refer to the Room numbers on the floor plans. The spaces in the facility are subdivided letter designations listed in front of the room number, starting with "A" and ending in "J". The field color of the inserts shall be one of these colors depending on the location.

General Facility Wayfinding Signs, include signs for Elevators, Restrooms, Stairs and Directories, and are one common color, Navy (PMS 541 C), with white letters. Room Identification signs are Wilsonart 1503-60 Putty to match existing facility standard signs.

Pantone Color Reference:

A - Dark Red (PMS 188C)

B - Grey (PMS Cool Gray 3 C)

C – Light Blue (PMS 7461C)

D – Green (PMS 575 C)

AA – Gold (PMS 129 C)

BB – Purple (PMS 518 C)

DD – Orange (PMS 1575 C)

E – Sand (PMS 4525 C)

F – Olive (PMS 577 C)

G – Blue Gray (PMS 7544 C)

J – Brown (PMS 1405 C)

END